

PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION May 21, 2002 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 1733.1003-010	APPLICATION NO. 10/039,285
	APPLICANT Howard Bernstein, et al.	
	FILING DATE January 3, 2002	GROUP 1615

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	4,675,189	06/23/87	Kent, J.S. et al.	424	490	
	AB	4,962,091	10/09/90	Eppstein, D.A. et al.	514	2	
	AC	3,523,906	08/11/70	Vrancken, M.N. et al.	252	316	
	AD	3,691,090	09/12/72	Kitajima, M. et al.	252	316	
	AE	3,737,337	06/05/73	Schnoring, H. et al.	117	100	
	AF	3,887,699	06/03/75	Yolles, S.	424	19	
	AG	4,389,330	06/21/83	Tice, T.R. et al.	427	213.36	
	AH	4,530,840	07/23/85	Tice, T.R. et al.	514	179	
	AI	4,542,025	09/17/85	Tice, T.R. et al.	424	78	
	AJ	4,835,139	05/30/89	Tice, T.R. et al.	514	15	
	AK	4,891,225	01/02/90	Langer, R.S. et al.	424	428	

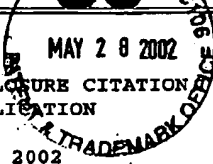
FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL	WO91/12882	05/09/91	PCT			
	AM	WO96/07399A1	14/03/96	PCT			
	AN	WO93/07861	29/04/93	PCT			
	AO	WO93/25221	23/12/93	PCT			
	AP	WO90/09166	23/08/90	PCT			
	AQ	WO90/13780	15/11/90	PCT			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Pratt, L., et al., "The Effect of Ionic Electrolytes on Hydrolytic Degradation of Biodegradable Polymers: Mechanical and Thermodynamic Properties and Molecular Modeling," <i>J. Polymer Science</i> 31(7):1759-1769 (1993).
AS	Costantino, H. R., et al., "Solid-Phase Aggregation of Proteins under Pharmaceutically Relevant Conditions," <i>J. of Pharmaceutical Sciences</i> , 83(12):1662-1669 (1994).
AT	Costantino, H. R., et al., "Moisture-Induced Aggregation of Lyophilized Insulin," <i>Pharmaceutical Research</i> , 11(1):21-29 (1994).

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EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA2	3,891,570	06/24/75	Fukushima, M. et al.	252	316	
	AB2	4,391,797	07/05/83	Folkman, M.J. et al.	424	19	
	AC2	5,176,907	01/05/93	Leong, K.W.	424	78.08	
	AD2	5,122,367	06/16/92	Ron, E. et al.	424	80	
	AE2	5,145,674	09/08/92	Lane, G.A. et al.	424	78.08	
	AF2	4,711,782	12/08/87	Okada, H. et al.	424	455	
	AG2	5,126,147	06/30/92	Silvestri, L.J. et al.	424	497	
	AH2	5,192,741	03/09/93	Orsolini, P. et al.	514	4	
	AI2	4,732,889	03/22/88	Cynshi, O. et al.	514	8	
	AJ2	4,879,272	11/07/89	Shimoda, N. et al.	514	8	
	AK2	4,992,419	02/12/91	Woog, H. et al.	514	8	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL2	WO92/11844	23/7/92	PCT			
	AM2	WO95/29664 A1	09/11/95	PCT			
	AN2	WO94/12158	09/06/94	PCT			
	AO2	0633 020 A1	11/01/95	EPO			
	AP2	WO93/17668	16/09/93	PCT			
	AQ2	WO94/07469	04/14/94	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AU	Costantino, H.R., et al., "Aggregation of a Lyophilized Pharmaceutical Protein, Recombinant Human Albumin: Effect of Moisture and Stabilization by Excipients," <i>Biotechnology</i> , 13:493-496 (1995).					
	AV	Creighton, T.E., "Physical Forces That Determine the Properties of Proteins," <i>In Proteins, Structures and Molecular Principles</i> , (NY: W.H. Freeman and Company), pp. 149-150.					
	AW	Cunningham, B. C., et al., "Dimerization of Human Growth Hormone by Zinc," <i>Science</i> , 253:545-548 (August 1991).					
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EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA3	4,853,218	08/01/89	Yim, Z. et al.	424	85.7	
	AB3	4,235,236	11/25/80	Theeuwes, F.	128	260	
	AC3	4,906,474	03/06/90	Langer, R.S. et al.	424	428	
	AD3	5,019,400	5/28/91	Gombotz, W.R. et al.	424	497	
	AE3	4,981,696	1/1/91	Loomis, G.L. et al.	424	486	
	AF3	4,637,905	1/20/87	Gardner, D.L.	264	4.3	
	AG3	4,897,268	1/30/90	Tice, T.R. et al.	424	422	
	AH3	4,767,628	8/30/88	Hutchinson, F.G.	424	426	
	AI3	3,928,566	12/23/75	Briggs, A.R. et al.	424	94	
	AJ3	4,166,800	9/4/79	Fong, J.W.	252	316	
	AK3	4,530,901	7/13/85	Weissmann, C.	435	70	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL3	0580 428 A1	01/26/94	EPO			
	AM3	0537559 A1	21/04/93	EPO			
	AN3	0266119 A3	04/05/88	EPO			
	AO3	0330180 A1	30/08/89	EPO			
	AP3	WO89/03678	05/05/89	PCT			
	AQ3	WO90/13285	15/11/90	PCT			

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	AX	Sato, Toyomi, et al., "Porous Biodegradable Microspheres for Controlled Drug Delivery. I. Assessment of Processing Conditions and Solvent Removal Techniques," <i>Pharmaceutical Research</i> , 5(1):21-29 (1988).
	AY	Langer, R., "New Methods of Drug Delivery," <i>Science</i> , 249:1527-1533 (September 1990).
	AZ	Liu, W. R., et al., "Moisture-Induced Aggregation of Lyophilized Proteins in the Solid State," <i>Biotechnology and Bioengineering</i> , 37:177-184 (1991).
	AR2	Lu, W., and Park, T. G., "Protein Release from Poly(lactic-co-glycolic acid) Microspheres: Protein Stability Problems," <i>PDA J. of Pharmaceutical Science & Technology</i> , 49(1):13-19 (Jan-Feb 1995).

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EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA4	4,871,538	10/02/89	Yim, Z. et al.	424	85.7	
	AB4	B1 4,985,404	04/21/92	Mitchell, J.W.	514/6	514/2	
	AC4	4,655,777	04/07/87	Dunn, R.L., et al.	623	16	
	AD4	5,075,115	12/24/91	Brine, C.J.	424	486	
	AE4	5,344,654	09/06/94	Rueger, D.C., et al.	424	423	
	AF4	4,237,114	12/02/80	Cardarelli, N.F.	424	78	
	AG4	4,806,524	02/21/89	Kawaguchi, T., et al.	514	8	
	AH4	4,252,791	02/24/81	Grossberg, S.E., et al.	424	85	
	AI4	5,441,734	08/15/95	Reichert, P., et al.	424	85.7,	
	AJ4	5,413,797	05/09/95	Khan, M.A., et al.	424	489	
	AK4						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL4	0 595 030 A2	05/09/91	PCT			
	AM4	WO93/02712	18/02/93	PCT			
	AN4	WO95/11010	27/04/95	PCT			
	AO4	WO94/19373 A1	01/09/94	PCT			
	AP4	0 307 097 A2	15/03/89	EPO			
	AQ4	WO91/18927 A1	12/12/91	PCT			
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	AS2	Cohen, S., et al., "Controlled Delivery Systems for Proteins Based on Poly(Lactic/Glycolic Acid) Microspheres," <i>Pharmaceutical Research</i> , 8(6):713-720 (1991).					
	AT2	Hora, M.S. et al., "Release of Human Serum Albumin from Poly(lactide-co-glycolide) Microspheres," <i>Pharmaceutical Research</i> , 7(11):1190-1194 (1990).					
	AU2	Hageman, M.J., et al., "Preformulation Studies Oriented Toward Sustained Delivery of Recombinant Somatotropins," <i>J. Agric. Food Chem.</i> , 40:348-355 (1992).					
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AL5	0 123 291 A2	31/10/84	EPO			
AM5	0 281 299 A1	07/09/88	EPO			
AN5	0 251 680 A2	07/01/88	EPO			
AO5	WO92/19226	12/11/92	PCT			

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AV2	Cleland, J. L., et al., "Characterization of Recombinant Human Growth Hormone-PLGA Formulations in Animals," <i>Proceed. Intern. Symp. Control. Rel. Bioact. Mater.</i> , 22:143-144 (1995).
AW2	Cleland, J. L., et al., "One Month Continuous Release Recombinant Human Growth Hormone-PLGA Formulations," <i>Proceed. Intern. Symp. Control. Rel. Bioact. Mater.</i> , 22:149-150 (1995).
AX2	Mullerad, J., et al., "Delivery of IL-1 Microspheres to Tumor Macrophages," <i>Proceed. Intern. Symp. Control. Rel. Bioact. Mater.</i> , 22:512-513 (1995).
AX2	Cleland, J. L., et al., "In Vitro Release of Bioactive Recombinant Human Interferon- γ From PLGA Microspheres," <i>Proceed. Intern. Symp. Control. Rel. Bioact. Mater.</i> , 22:518-519 (1995).
AR2	Park, T. G., et al., "Importance of In Vitro Experimental Conditions on Protein Release Kinetics, Stability and Polymer Degradation in Protein Encapsulated Poly(D, L-Lactic Acid-Co-Glycolic Acid) Microspheres," <i>J. of Controlled Release</i> , 33:211-222 (1995).
AS2	Nagata, S., et al., "Synthesis in E. Coli of a Polypeptide with Human Leukocyte Interferon Activity," <i>Nature</i> , 284:316-320 (March 1980).
AT2	Rubinstein, M., "The Structure of Human Interferons," <i>Biochimica et Biophysica Acta.</i> , 695:5-16 (1982).
AU2	Sah, H., et al., "The Influence of Biodegradable Microcapsule Formulations on the Controlled Release of a Protein," <i>J. of Controlled Release</i> 30:201-211 (1994).

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